BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to : **Original / Duplicate**

Name of work: Construction Govt School Building at kodige halli ward No 8

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	68.65	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods	Cum	204.12	Rupees Two Hundred Four and Twelve Paise Only
2	12.02	Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @220kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.892cum and fine aggregates @ 465 cum machine mixed, machine mixed,concrete laid in layers not exceeding 15 cms, thick well compacted, in foundation and plinth, including cost of all material, labour HOM Machinery curing complete as per specification,(Page. No. 12 Item No. 4.2	Cum	5449.68	Rupees Five Thousand Four Hundred Forty Nine and Sixty Eight Paise Only
3	24.22	KSRB 5.1-3 : Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:6 (uncoursed), bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.12(Page. No. 22 Item No.5.3)	Cum	3508.92	Rupees Three Thousand Five Hundred Eight and Ninety Two Paise Only
4	18.16	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13(Page. No. 23 Item No. 5.9	Cum	5405.40	Rupees Five Thousand Four Hundred Five and Forty Paise Only
5	161.46	KSRB 15.1.4 Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.	Sqm	102.60	Rupees One Hundred Two and Sixty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
6	4.04	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6 of PWD SR 2016-17)	Cum	5876.28	Rupees Five Thousand Eight Hundred Seventy Six and Twenty Eight Paise Only
7	5.70	KSRB 4-1.5 : Providing and laying in position plain cement concrete of mix M20 with OPC cement @ 300kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.43cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.5 of PWD SR 2015-16)	Cum	5985.36	Rupees Five Thousand Nine Hundred Eighty Five and Thirty Six Paise Only
8	6.66	KSRB 4-6.1 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specificaitons. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.28)	Sqm	249.48	Rupees Two Hundred Forty Nine and Forty Eight Paise Only
9		KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.32)	Sqm		
	7.80	Ground Floor		395.28	Rupees Three Hundred Ninety Five and Twenty Eight Paise Only
	96.60	**first floor**		400.68	Rupees Four Hundred and Sixty Eight Paise Only
10	30.69	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2	Sqm	518.40	Rupees Five Hundred Eighteen and Forty Paise Only
11	78.00	KSRB 4-6.5 : Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (Page No : 16, item No : 4.32)	Sqm	406.08	Rupees Four Hundred Six and Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
12	171.35	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2	Sqm	523.80	Rupees Five Hundred Twenty Three and Eighty Paise Only
13		KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitonsupto 3.50m from ground level. Specification No. KBS 4.6.2(Page No : 15, item No : 4.18)	Sqm		
	288.11	**first floor**	Sqm	343.44	Rupees Three Hundred Forty Three and Forty Four Paise Only
	284.51	Second floor	Sqm	348.84	Rupees Three Hundred Forty Eight and Eighty Four Paise Only
14		KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2(Page No : 16, item No : 4.34)	Sqm		
	1.80	**Ground Floor**		276.48	Rupees Two Hundred Seventy Six and Forty Eight Paise Only
	126.18	**First Floor**		281.88	Rupees Two Hundred Eighty One and Eighty Eight Paise Only
	126.18	**Second Floor**		287.28	Rupees Two Hundred Eighty Seven and Twenty Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
15		KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of Design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460 cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6 (Page No : 13, item No : 4.11)	Cum		
	3.60	**Ground Floor**		6491.88	Rupees Six Thousand Four Hundred Ninety One and Eighty Eight Paise Only
	17.46	**First Floor**		6545.88	Rupees Six Thousand Five Hundred Forty Five and Eighty Eight Paise Only
	2.52	**Second Floor**		6599.88	Rupees Six Thousand Five Hundred Ninety Nine and Eighty Eight Paise Only
16		KSRB 4.2.8: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregates @ 0.46cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintles, and beams retaining walls, return walls, walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6. (P. No. 14/ I.No. 4.13	Cum		
	0.36	**Ground Floor**		6650.64	Rupees Six Thousand Six Hundred Fifty and Sixty Four Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
	63.98	**First Floor**		6704.64	Rupees Six Thousand Seven Hundred Four and Sixty Four Paise Only
	64.70	**Second floor**		6758.64	Rupees Six Thousand Seven Hundred Fifty Eight and Sixty Four Paise Only
17		KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 - TMT bars Fe 500 (Page No : 17, item No : 4.46.2)	T		
31	*11.39*	**Ground Floor**		75553.60	Rupees Seventy Five Thousand Five Hundred Fifty Three and Sixty Paise Only
32	*8.83*	**second floor staircase**		75553.60	Rupees Seventy Five Thousand Five Hundred Fifty Three and Sixty Paise Only
18	*8.83*	Lift charges for steel of all diameters for additional floors over ground floor per floor height of 3.5 m. or part thereof cost of labour, complete as per specifications. (P.No. 18, I.No. 4.47 of PWD SR 2015-16))	T	509.76	Rupees Five Hundred Nine and Seventy Six Paise Only
19	*106.80*	Providing and fixing M.S. Hand railing for Balcony with 50mm dia. M.S. hollow pipe of 14 gauge, welded to 20mmx20mm M.S. square rod placed vertically, spaced at 100mm at regular intervals of 600mm. These vertical rods laterally tied to 3 horizontal rods spaced at equal interval. These assembly is fixed to concrete by using expansion bolts and welding the same to reinforcement bars and making good the surface. All the joints and sections hould be cut to length, welded and grinded wherever necessary etc., complete . The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, etc., complete as per specification and drawing.	Sqm	2857.68	Rupees Two Thousand Eight Hundred Fifty Seven and Sixty Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
20	*53.33*	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid on existing bed of CM 1:3 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide curing etc., complete as per specification. (P.No. 107, I.No. 14.46 of PWD SR 2016-17)	Sqm	6181.92	Rupees Six Thousand One Hundred Eighty One and Ninety Two Paise Only
21		KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.1)	Sqm		
	272.58	**First floor**		1041.96	Rupees One Thousand Forty One and Ninety Six Paise Only
	793.74	**Second floor**		1071.96	Rupees One Thousand Seventy One and Ninety Six Paise Only
22		KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4(Page No :25, item No : 5.27.2)	Sqm		
	141.71	**First floor**		927.48	Rupees Nine Hundred Twenty Seven and Forty Eight Paise Only
	112.34	**Second floor**		957.48	Rupees Nine Hundred Fifty Seven and Forty Eight Paise Only
23		KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.(Page No :114, item No : 15.20)	Sqm		
	430.20	**first floor**		229.64	Rupees Two Hundred Twenty Nine and Sixty Four Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
	324.74	second floor		234.64	Rupees Two Hundred Thirty Four and Sixty Four Paise Only
24		KSRB15-3.4 : Providing 15mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications...(Page No.113, Item No.15.12)	Sqm		
	606.83	**first floor**		226.40	Rupees Two Hundred Twenty Six and Forty Paise Only
	465.07	**Second floor**		231.40	Rupees Two Hundred Thirty One and Forty Paise Only
25		KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. (P.No. 113, I.No. 15.21 of PWD SR 2015-16)	Sqm		
	280.91	first floor		213.84	Rupees Two Hundred Thirteen and Eighty Four Paise Only
	280.91	Second Floor		219.24	Rupees Two Hundred Nineteen and Twenty Four Paise Only
26		Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification. (Page No. 125, Item No. 15.106)	Sqm		
	887.73	first floor		63.48	Rupees Sixty Three and Forty Eight Paise Only
	745.98	Second floor		66.48	Rupees Sixty Six and Forty Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
27		KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. (P. No. 118, I.No. 15.53.2).	Sqm		
	430.20	first floor		93.96	Rupees Ninety Three and Ninety Six Paise Only
	324.74	**Second Floor**		97.20	Rupees Ninety Seven and Twenty Paise Only
28		Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 117, item No :15.51.2)For internal walls.	Sqm		
	606.83	**first floor**		100.44	Rupees One Hundred and Forty Four Paise Only
	465.07	Second Floor		103.68	Rupees One Hundred Three and Sixty Eight Paise Only
29		Providing and applying two coats with Plastic emulsion paint of approved brand wall surface to a give an even approved shade after throuughly brushing the surface,free from mortar drops and other foreign matter, including priming , including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications,with primer. (Page No : 117, item No :15.51. 2 & 3) for ceiling	Sqm		
	280.91	**first floor**		101.52	Rupees One Hundred One and Fifty Two Paise Only
	280.91	**Second Floor**		108.00	Rupees One Hundred Eight Only
30	*6.25*	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No.12, I.No. 4.6)	Cum	5930.28	Rupees Five Thousand Nine Hundred Thirty and Twenty Eight Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
31	998.24	KSRB 7.9:Providing and fixing M.S.gill work for windows and ventilators using M.S.flats, or M.S. square rods, or combination of M.S.flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12 . (Page No : 32, item No :7.9)	kgs	84.24	Rupees Eighty Four and Twenty Four Paise Only
32	47.16	KSRB 7.10 : Providing and fixing in position aluminium windows and ventilators as per approved drawings with sliding shutters using double track window frame section of size 61.85x31.75mm. with 1.2mm thick, bottom section weight 0.695 kg/m, sides and top sections 1.3 mm. thick weight 0.659 kg/m; and shutter comprising top and bottom section of size 40mmx18mm, 1.25mm thick 0.417 kg./m; shutter outer side 40mmx18mm, 1.25mm.thick weight 0.417 kg/m, shutter interlock section 40mmx26.7mm, 1.1mm thick, weight 0.469 kg/m. the shutters mounted on nylon rollers with approved quality of fixtures such as aluminium handles tower bolts etc.; and providing and fixing 5.5mm. thick plain glass for shutters fitted with rubber beading aluminium sections including cutting to with end clips at corners angles etc., and fixed to the walls, lintels, floor beams/cills as the case may be with necessary steel screws, raul plugs, or teak wood gatties including cutting masonry or concrete and making good the original surface using cement mortar, aluminium sections pretreated for removal of any Specification No. KBS using aluminium section anodized to 12 - 15 microns.	Sqm	4123.44	Rupees Four Thousand One Hundred Twenty Three and Forty Four Paise Only
33		Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete. (P.No. 107, I.No. 14.43).	Sqm		
	331.42	**First floor**		1286.82	Rupees One Thousand Two Hundred Eighty Six and Eighty Two Paise Only
	268.95	**Second floor**		1288.32	Rupees One Thousand Two Hundred Eighty Eight and Thirty Two Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
34	29.40	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic tiles 30cm x 60cm 6mm thick on a bed of 20mm thicks.	Sqm	1272.24	Rupees One Thousand Two Hundred Seventy Two and Twenty Four Paise Only
35	77.02	Providing and fixing of clay tiles for cladding tiles of size 230x75x10mm thick on 12mm thick cement mortar 1:3 & jointed with Adhesive / cement slurry over rough plaster surface excluding cost of rough plasterd surface and the surface is painted with red apex paint and black apex paint into the groves.	Sqm	1783.62	Rupees One Thousand Seven Hundred Eighty Three and Sixty Two Paise Only
36	3.24	Providing and laying flooring using prepolished, water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials and labours etc., complete as per specifications. - using silver grey granite / Multy Red / Ruby Red / Black / HassanGreen Granite of width not less than 1200mm (P.No.107, I.No.14.47.1)	Sqm	2828.52	Rupees Two Thousand Eight Hundred Twenty Eight and Fifty Two Paise Only
37	0.68	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries complete as per specifications. Specification No. KBS 9.33	Cum	111083.40	Rupees One Hundred Eleven Thousand Eighty Three and Forty Paise Only
38	20.16	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM of machineries complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34	Sqm	5014.44	Rupees Five Thousand Fourteen and Forty Four Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
39	3.71	SOLID PANEL PRELAM PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for styles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form styles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the styles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm. Aluminium hinges. with both side prelam(item no 9.85.1 page no 58)	Sqm	4368.60	Rupees Four Thousand Three Hundred Sixty Eight and Sixty Paise Only
40	3.71	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge.	Sqm	568.08	Rupees Five Hundred Sixty Eight and Eight Paise Only
41	4.00	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locI<ing arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications.(For 1 000 litre capacity) Specification No.KBS 13.22 (P.No.94, I.No.13.78 of PW, P&IWTD S.R 2016-17)	each	9144.36	Rupees Nine Thousand One Hundred Forty Four and Thirty Six Paise Only
42	70.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. (P.No.96, I.No. 13.86.2 of PWD SR 2016-17)	m	226.80	Rupees Two Hundred Twenty Six and Eighty Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
43	60.00	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes(P.No.96, I.No. 13.86.3 of PWD SR 2016-17)	m	270.00	Rupees Two Hundred Seventy Only
44	30.00	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 110mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9(P.No.94, I.No.13.70.4 of PW, P&IWTD S.R 2016-17)	m	384.48	Rupees Three Hundred Eighty Four and Forty Eight Paise Only
45	2.00	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. (P.No.82, I.No. 12.41 of PWD SR 2016-17)	each	1274.40	Rupees One Thousand Two Hundred Seventy Four and Forty Paise Only
46	4.00	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. (P.No. 88, I.No. 12.111 of PWD SR 2016-17)	each	172.80	Rupees One Hundred Seventy Two and Eighty Paise Only
47	4.00	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). - 10cms x 7.5cms (P.No. 88, I.No. 12.113.1 of PWD SR 2016-17)	each	270.00	Rupees Two Hundred Seventy Only
48	4.00	KSRB13-6.1-1 : Providing and fixing in position brass bib cock of approved quality 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3 (P.No. 91, I.No. 13.23 of PWD SR 2016-17)	each	262.44	Rupees Two Hundred Sixty Two and Forty Four Paise Only
49	5.00	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.34 of CSR 2016-17)	each	648.00	Rupees Six Hundred Forty Eight Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
50	6.00	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 20mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. (P.No.91/ I.No. 13.33 of CSR 2016-17)	each	441.72	Rupees Four Hundred Forty One and Seventy Two Paise Only
51	4.00	Constructing brick masonry inspection chamber 450x450mm, and 450mm depth, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 450x450mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 450x450mm (P.No. 73/ I.No.11.50.2 of PWD SR 2016-17)	each	5771.52	Rupees Five Thousand Seven Hundred Seventy One and Fifty Two Paise Only
52	3.00	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2015-16).(P.No.77 I.No.12.2 of CSR 2016-17)	each	4682.88	Rupees Four Thousand Six Hundred Eighty Two and Eighty Eight Paise Only
53	280.91	KSRB 10-2 : Providing and laying in position yelahanka tiles of size 250 x 250mm of approved quality and make, over a bed of cement mortar 1:3 an average thickness 25mm over weather proof course and pointed with cement mortar 1:3 mix with red oxide including curing cost of materials, labour complete as per specifications. Specification No. KBS (P.No.80 I.No.10.1 of CSR 2016-17)	Sqm	868.32	Rupees Eight Hundred Sixty Eight and Thirty Two Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
54	3.00	KSRB 11-7.4 : Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of four with 10 litres PVC automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps complete painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. (P.No. 77, I.No.12.2 of PWD SR 2015-16).(P.No.77 I.No.12.10 of CSR 2016-17)	each	7354.80	Rupees Seven Thousand Three Hundred Fifty Four and Eighty Paise Only
55	1.00	KSRB 11-11.1 : Providing and fixing white vitreous china clay, flat back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11 (P.No.80 I.No.12.23 of CSR 2016-17)	each	4196.88	Rupees Four Thousand One Hundred Ninety Six and Eighty Eight Paise Only

Executive Engineer
Byatarayanapura Division
BBMP, Bangalore - 92

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Note:

1. Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
2. Unit rates and prices shall be quoted by the Tender in Indian rupees.
3. Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)
4. Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

"DTS Approved"

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ಯಂತ್ರಾಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.